

Abstract

A threaded joint for steel pipes which is capable of metal-to-metal sealing and which can be subjected to repeated fastening and unfastening without the application
5 of a liquid lubricant containing a heavy metal powder comprises a pin and a box each having a contact surface including a threaded portion and an unthreaded metal contact portion. The contact surface of at least one of the pin and the box are coated with an undercoating layer and a lubricating coating layer atop it. The undercoating layer is a porous metal coating having a porosity of 5 - 80% and a thickness of 1 - 30 μm and
10 preferably a hardness of 50 - 250 Hv. The lubricating coating is a solid lubricating coating or a liquid lubricating coating, the latter containing substantially no heavy metal powders. The total thickness of the undercoating layer and the lubricating coating layer is at most 100 μm .